

Title (en)  
AGGREGATE AND COMPOSITION

Title (de)  
AGGREGAT UND ZUSAMMENSETZUNG

Title (fr)  
AGRÉGAT ET COMPOSITION

Publication  
**EP 2985312 A1 20160217 (EN)**

Application  
**EP 14782123 A 20140409**

Priority  
• JP 2013083916 A 20130412  
• JP 2014060260 W 20140409

Abstract (en)  
[Objective] Provided is a lump that is suitable to be used with rubber and compounding agents in producing rubber products with low hardness, of which an uniform kneaded product can be quickly obtained while kneading to produce rubber products, and that does not easily change its shape even when stored for a long period of time. [Solution] A lump includes 100 parts by mass of ethylene copolymer (X) which includes a structural unit derived from ethylene [A], a structural unit derived from  $\pm$ -olefin [B] having 3 to 20 carbon atoms, and a structural unit derived from at least one component [C] selected from the group consisting of (c-1) polyene and (c-2) cyclic olefin, and which satisfies (1) to (3) below, and 750 to 2,000 parts by mass of plasticizer (Y); wherein (1) the structural unit derived from ethylene [A] represents 50 to 90 mol% in 100 mol% of a total of the structural unit derived from component [A], the structural unit derived from component [B], and the structural unit derived from component [C] in copolymer (X), (2) the structural unit derived from component [C] represents 1.0 to 5.0 mol% in 100 mol% of a total of the structural unit derived from component [A], the structural unit derived from component [B], and the structural unit derived from component [C] in copolymer (X), and (3) an intrinsic viscosity  $[\eta]$  of ethylene copolymer (X) measured in a decalin solution of 135°C is 7.8 to 13.0 dl/g.

IPC 8 full level  
**C08L 23/16** (2006.01); **C08F 210/18** (2006.01); **C08J 3/20** (2006.01)

CPC (source: EP US)  
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